Anatomy of a CNG Project

May 24, 2016 Fueling the

How to Go About Planning and Assessing C_{NG} for Your Fleet

Goals? What do we want to accomplish?



You need to look at several factors...



Become your own expert

Use existing resources: Clean Cities Coalition, other fleets who've done it, a fleet consultant...

Ask Ask ASK!!! Questions

Be Highly Skeptical:



Insist on Hard Answers and Evidence:



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What am I looking at?

How does my fleet operate?
What kind of annual mileage do vehicle groups have?
Do the vehicles come back to the same place/s every night?
Is there an existing station nearby or on part of my route?
Interstate example- Wegmans goes between PA and Central NY



Do I want to do part of the fleet, or a larger project?

Success Depends on good planning

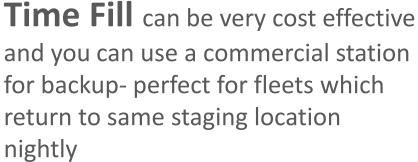
Plan ahead for grants- do engineering analysis and line up partners ahead of time

A mix of strategies:

CNG, fuel economy, optimizing vehicle selection, fuel economy, eco-driving and biofuels

Station Sizes







Fast Fill- preferable for larger fleets, larger vehicles. Often used for waste haulers, highway trucking. Higher level commitment both operationally and financially



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Outcome- Cleaner Air, Domestic Fuel Security and more dependable and trackable fuel costs



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Planning for the future- Priceless

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